

Fig. 1A

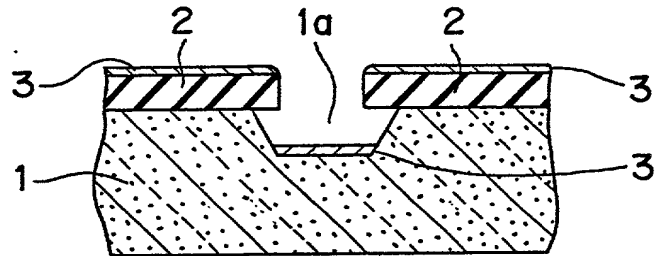


Fig. 1B

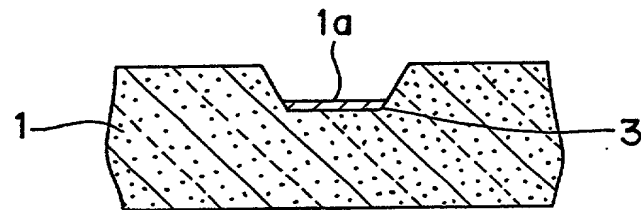


Fig. 1C

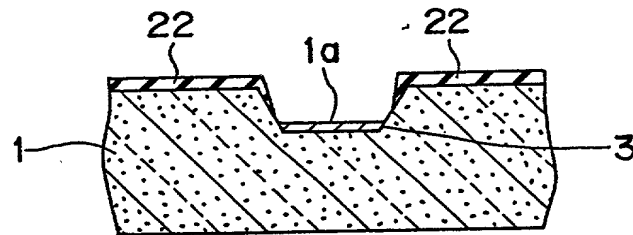


Fig. 1D

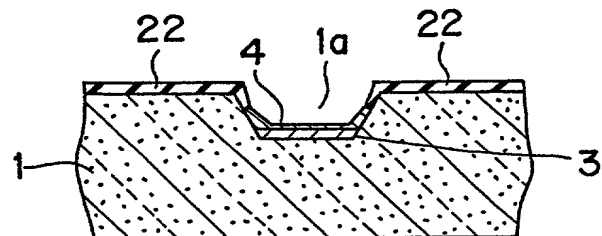


Fig. 1E

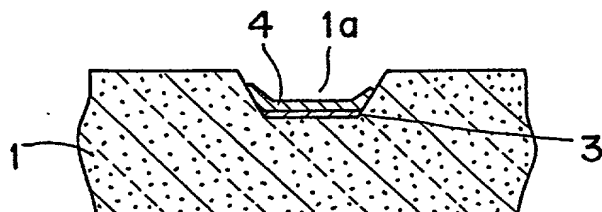


Fig. 2F

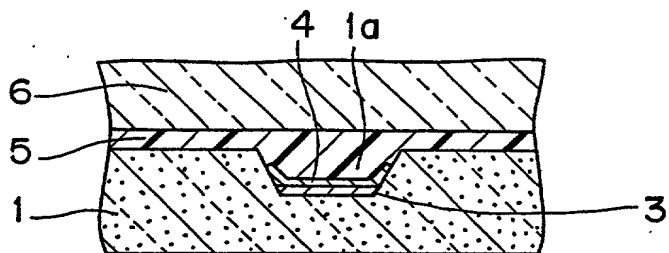


Fig. 2G

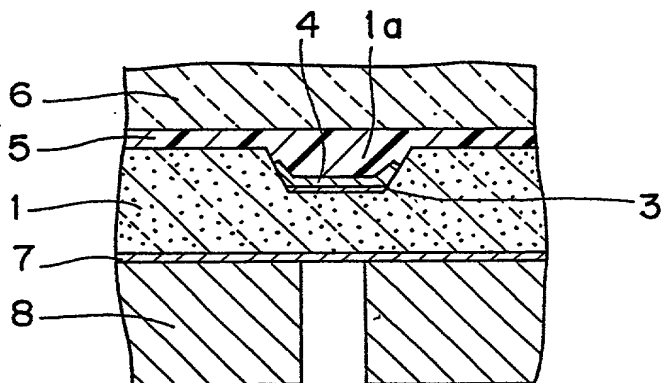
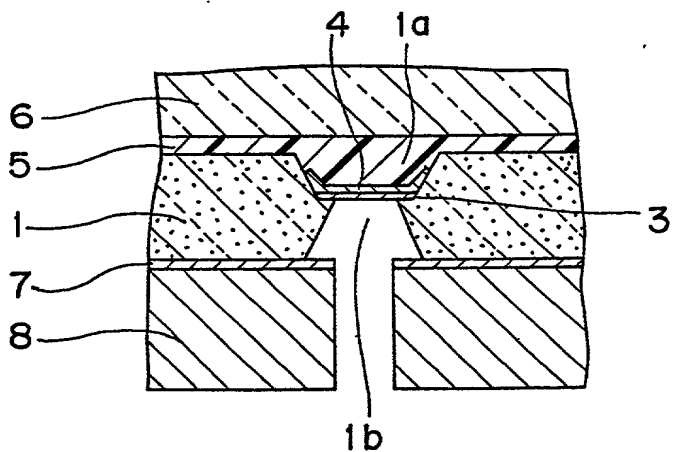


Fig. 2H



A cross-sectional view of a multi-layered structure. A central vertical channel is labeled 1a at the top and 1b at the bottom. The channel is lined with a material labeled 4. The channel is flanked by two main blocks, 6 on the left and 3 on the right. These blocks are composed of several layers: a top layer with diagonal hatching (6/3), a middle layer with a dotted pattern (5/7), and a bottom layer with diagonal hatching (8/9). A thin layer labeled 10 is located between the middle and bottom layers of the right block (3). A layer labeled 2 is visible at the very bottom of the structure. The top surface of the structure is labeled 1a, and the bottom surface is labeled 1b.

A cross-sectional view of a multi-layered structure. A central vertical channel is formed by two opposing walls, labeled 11b at the bottom and 11a at the top. The walls are composed of several layers: an outermost layer 1, a middle layer 3, and an innermost layer 9. The structure is surrounded by a thick, multi-layered substrate. The substrate layers are labeled 4, 5, 6, 7, 8, and 10. The top surface of the substrate is labeled 1a, and the bottom surface is labeled 1b. The central channel is filled with a material, possibly a fluid or gas, indicated by the dashed lines.

Fig. 4A

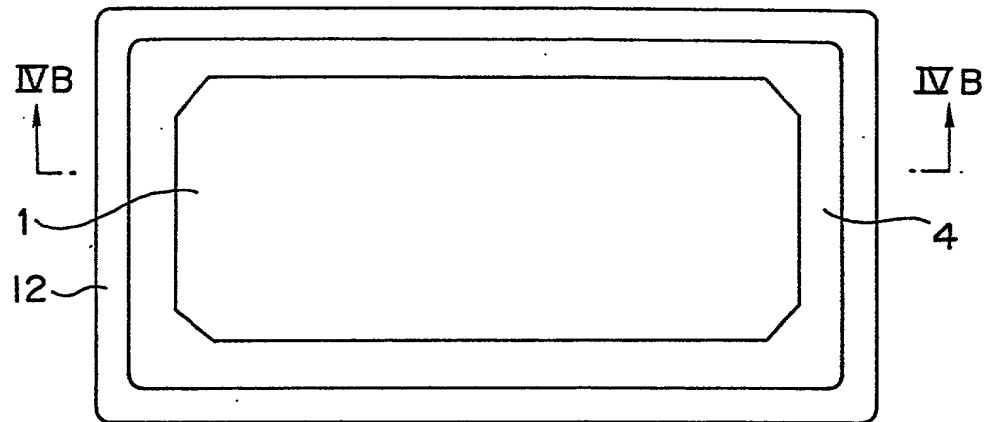
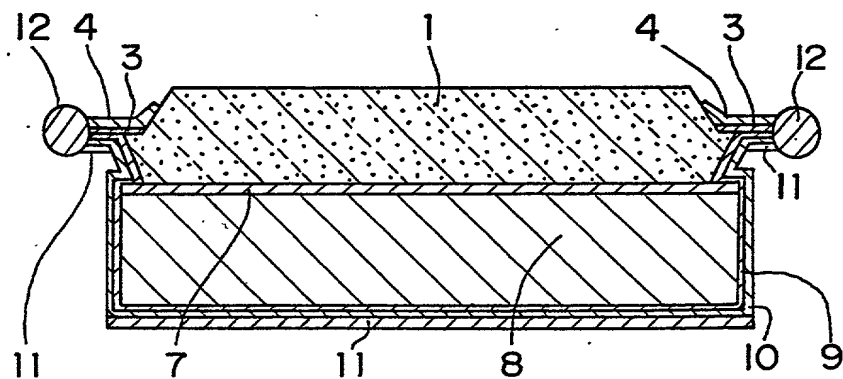


Fig. 4B



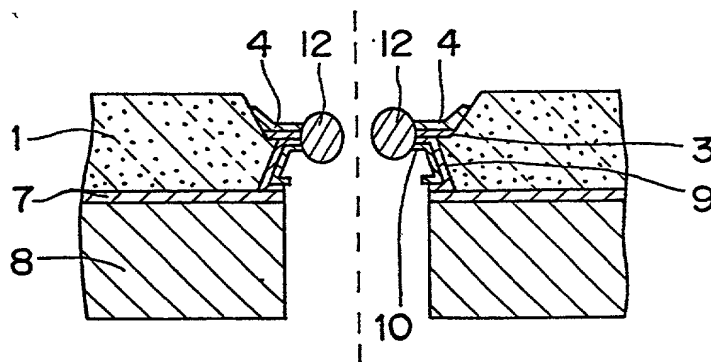
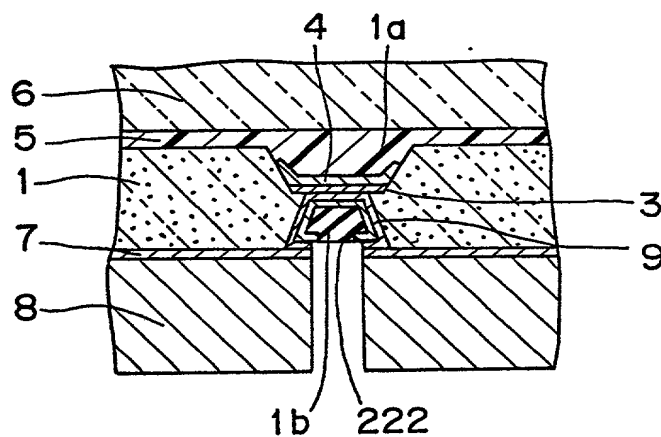
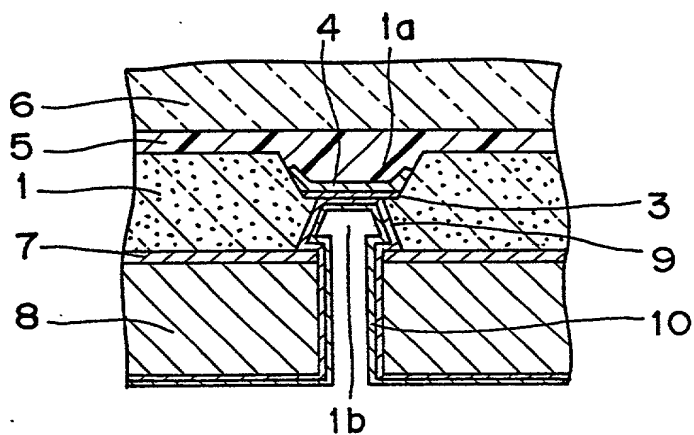
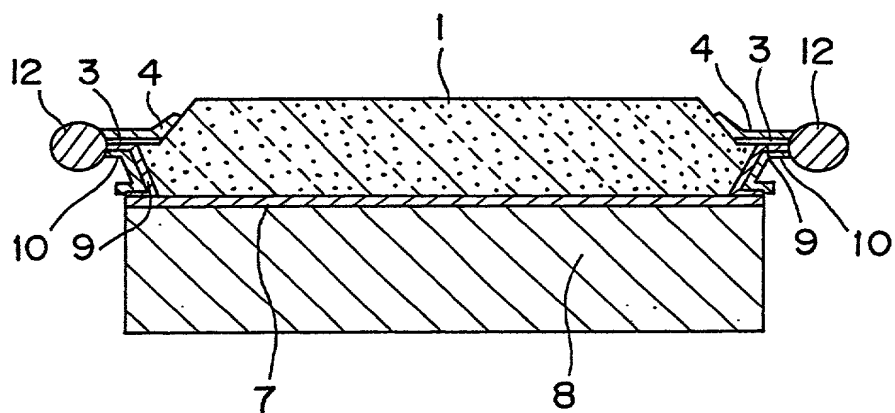


Fig. 6



09986335, 40801
TOP SECRET 92298660

Fig.7A PRIOR ART

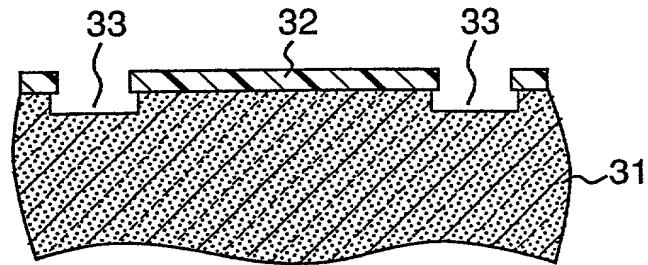


Fig.7B PRIOR ART

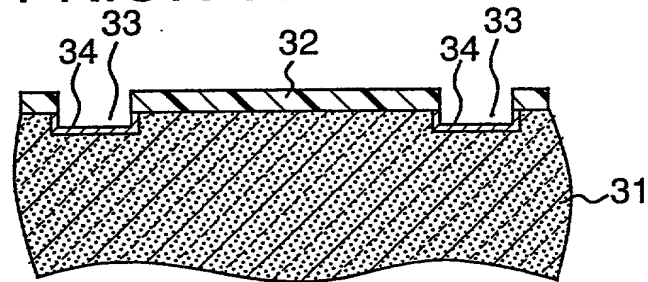


Fig.7C PRIOR ART

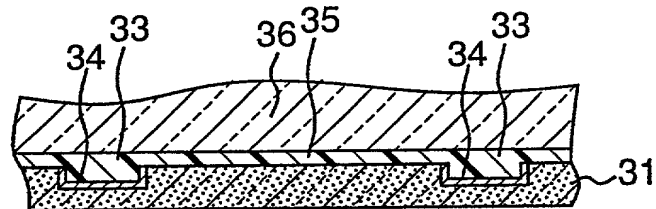


Fig.7D PRIOR ART

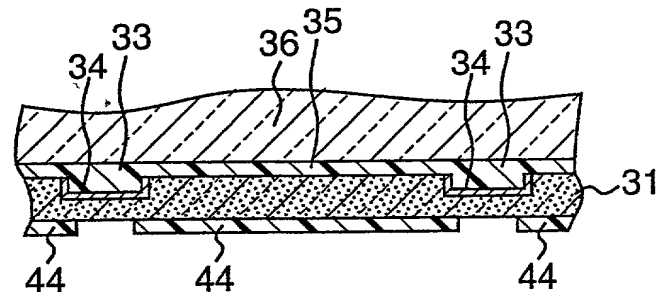


FIG. 7A PRIOR ART

Fig.8E PRIOR ART

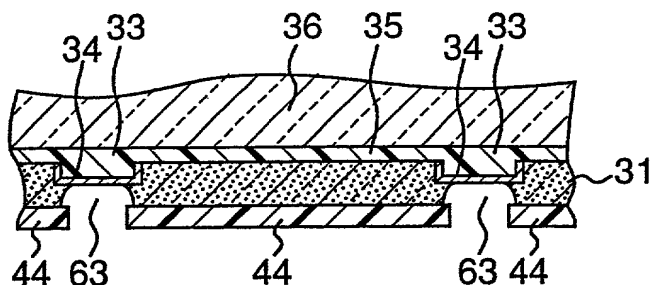


Fig.8F PRIOR ART

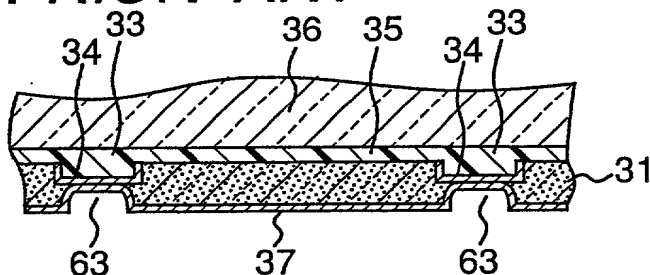


Fig.8G PRIOR ART

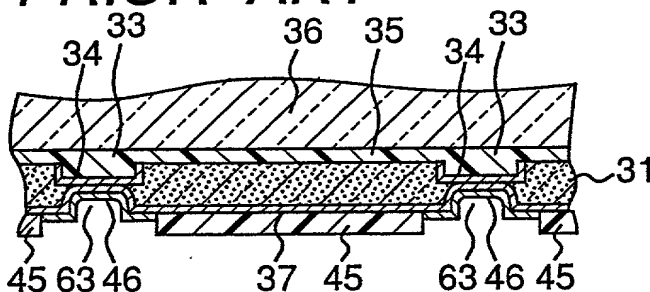


Fig.8H PRIOR ART

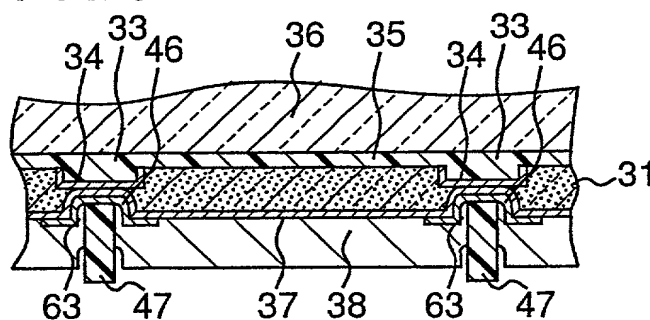




Fig.9I PRIOR ART

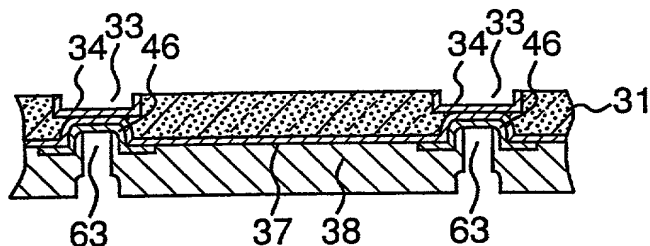


Fig.9J PRIOR ART

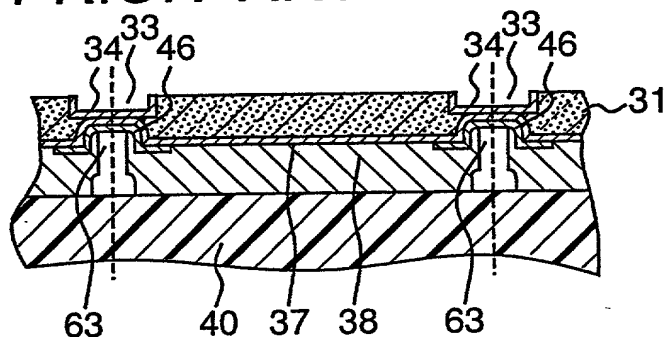


Fig.9K PRIOR ART

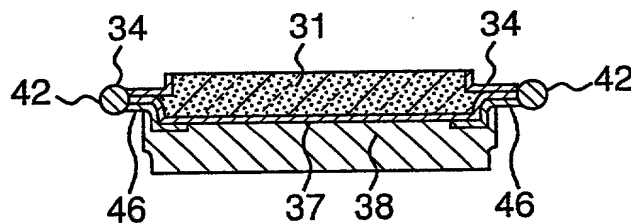


Fig.9L PRIOR ART

